

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050917\
 Data File : BE092965.D
 Acq On : 9 May 2017 15:40
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 09 17:14:35 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 15:34:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	770	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3248	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1631	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3744	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4152	0.40	ng	0.00
33) Perylene-d12	23.70	264	3387	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	851	0.49	ng	0.00
5) Phenol-d6	6.94	99	1106	0.46	ng	0.00
8) Nitrobenzene-d5	8.90	82	990	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1737	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	145	0.57	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	2489	0.33	ng	0.00
24) Fluoranthene-d10	19.15	212	3826	0.44	ng	0.00
28) Terphenyl-d14	19.74	244	2651	0.37	ng	0.00

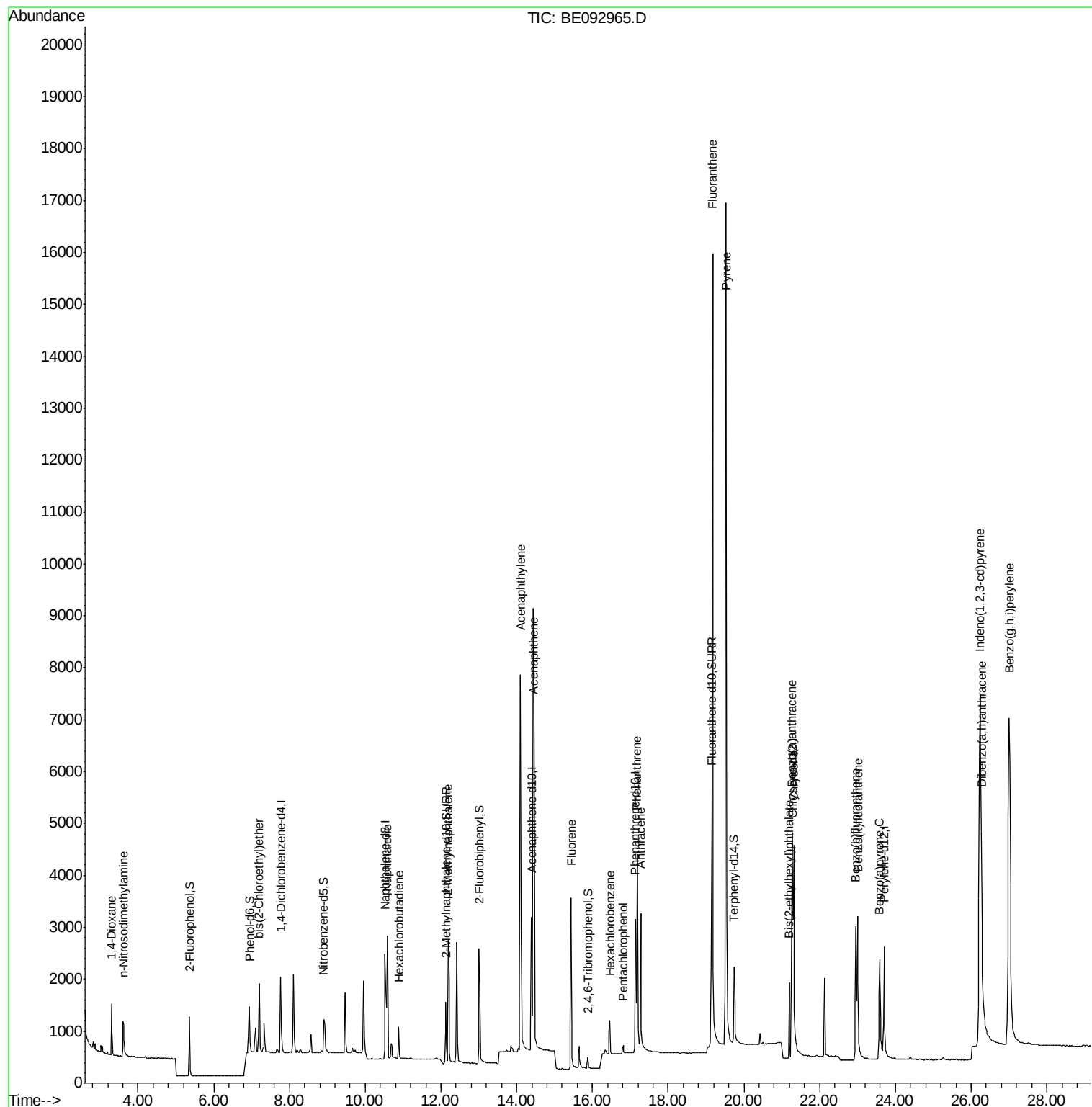
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	606	0.41	ng	99
3) n-Nitrosodimethylamine	3.61	42	516	0.45	ng	# 84
6) bis(2-Chloroethyl)ether	7.20	93	1151	0.41	ng	99
9) Naphthalene	10.58	128	3375	0.39	ng	# 87
10) Hexachlorobutadiene	10.89	225	478	0.40	ng	95
12) 2-Methylnaphthalene	12.19	142	1965	0.37	ng	95
16) Acenaphthylene	14.10	152	10633	0.41	ng	99
17) Acenaphthene	14.45	154	1990	0.39	ng	94
18) Fluorene	15.44	166	2493	0.39	ng	99
20) Hexachlorobenzene	16.46	284	748	0.47	ng	# 100
21) Pentachlorophenol	16.81	266	169	0.57	ng	# 84
22) Phenanthrene	17.18	178	4585	0.44	ng	98
23) Anthracene	17.27	178	3646	0.45	ng	99
25) Fluoranthene	19.17	202	20341	0.45	ng	# 98
27) Pyrene	19.53	202	21120	0.39	ng	# 100
29) Benzo(a)anthracene	21.27	228	3781	0.39	ng	# 83
30) Chrysene	21.32	228	4993	0.40	ng	# 84
31) Bis(2-ethylhexyl)phthalate	21.20	149	1500	0.56	ng	# 97
32) Indeno(1,2,3-cd)pyrene	26.24	276	17462	0.39	ng	99
34) Benzo(b)fluoranthene	22.95	252	4401	0.40	ng	# 84
35) Benzo(k)fluoranthene	23.01	252	4152	0.38	ng	# 81
36) Benzo(a)pyrene	23.58	252	3519	0.39	ng	# 76
37) Dibenzo(a,h)anthracene	26.27	278	3521	0.35	ng	# 79
38) Benzo(g,h,i)perylene	27.00	276	16554	0.38	ng	# 81

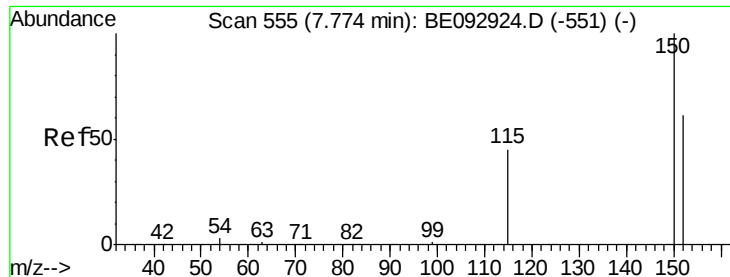
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 09 15:34:16 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

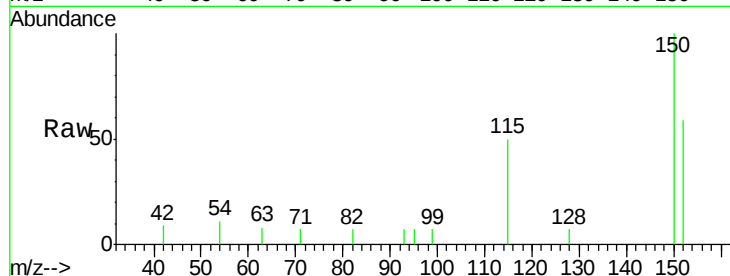
Tgt Ion:152 Resp: 770

Ion Ratio Lower Upper

152 100

150 168.1 129.9 194.9

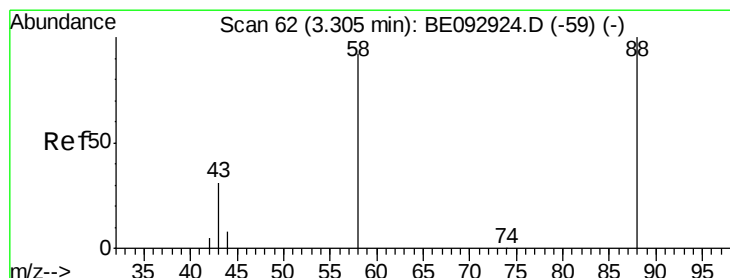
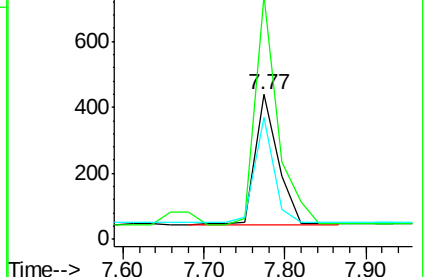
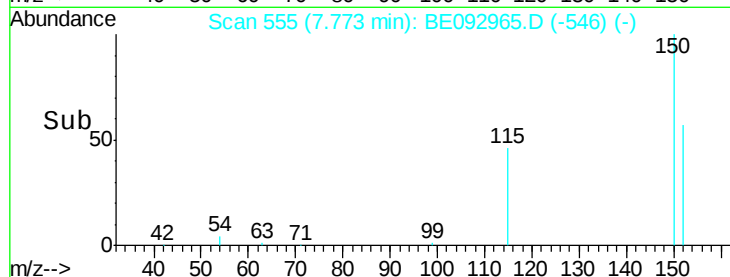
115 84.1 62.6 93.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.41 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

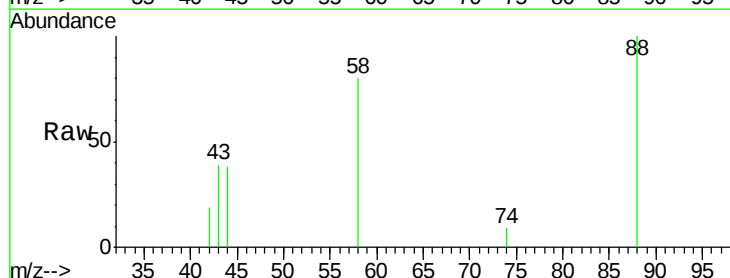
Tgt Ion: 88 Resp: 606

Ion Ratio Lower Upper

88 100

58 80.5 64.9 97.3

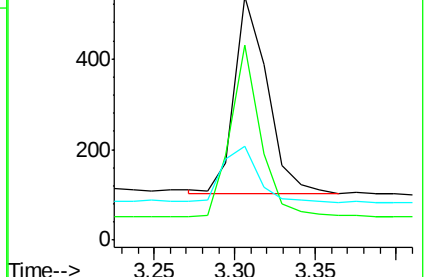
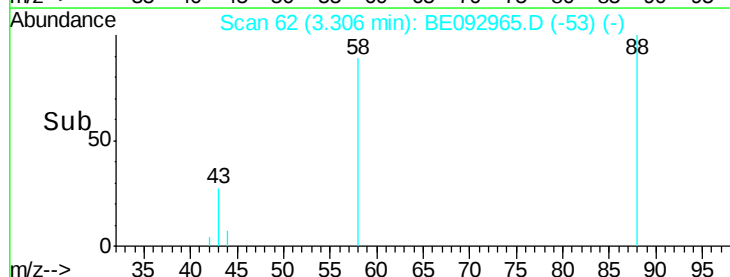
43 32.7 26.6 40.0

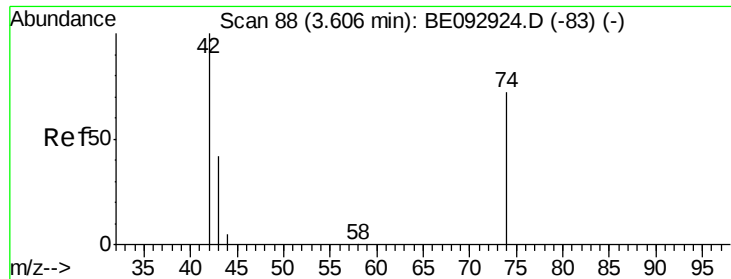


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.45 ng

RT: 3.61 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

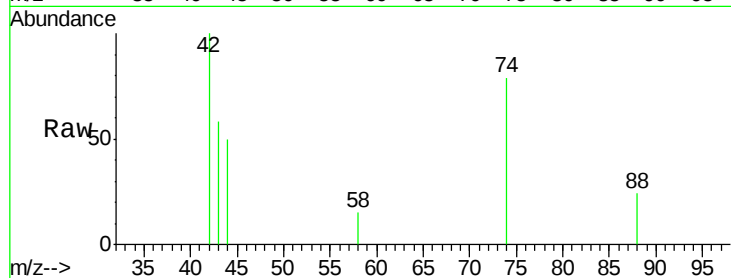
Tgt Ion: 42 Resp: 516

Ion Ratio Lower Upper

42 100

74 121.3 106.6 160.0

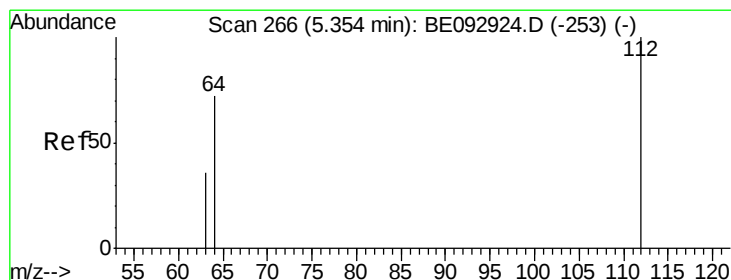
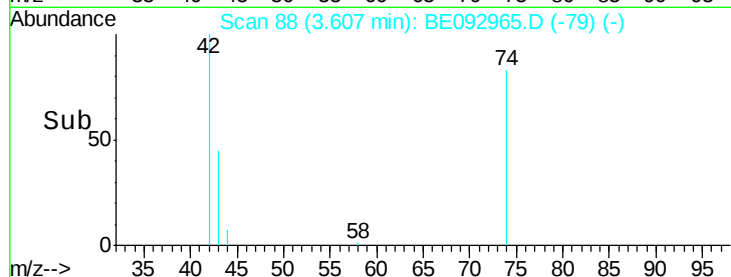
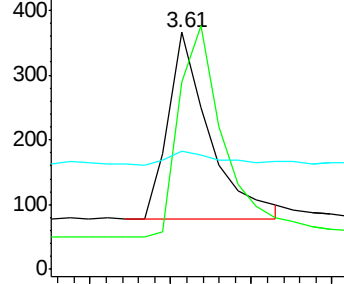
44 8.1 25.7 38.5#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.49 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.01 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

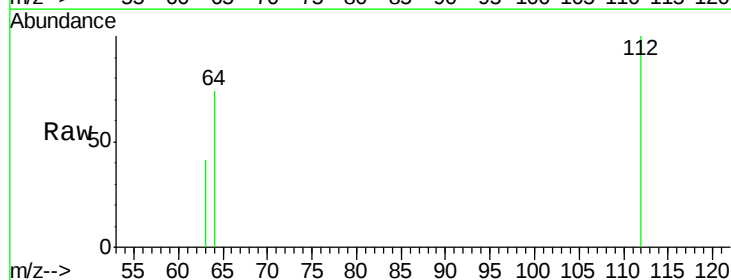
Tgt Ion: 112 Resp: 851

Ion Ratio Lower Upper

112 100

64 72.4 52.6 79.0

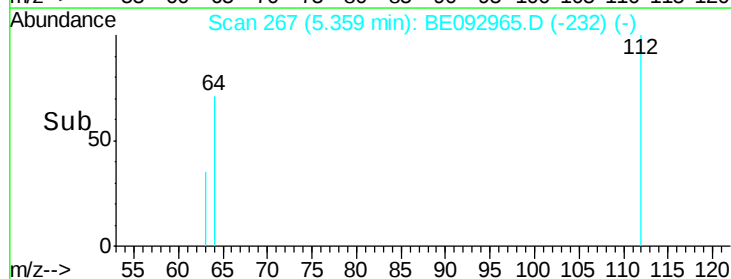
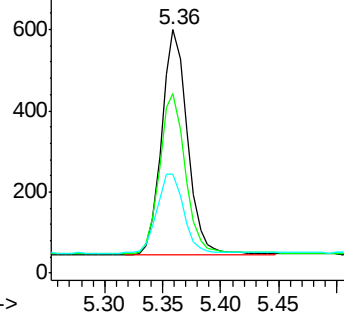
63 36.8 29.0 43.4

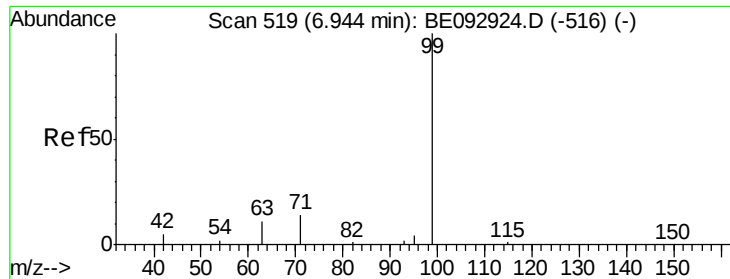


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.46 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

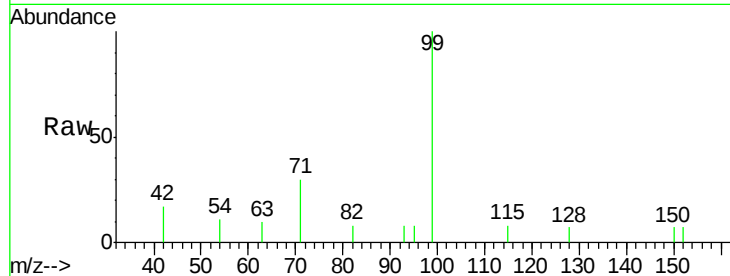
Tgt Ion: 99 Resp: 1106

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

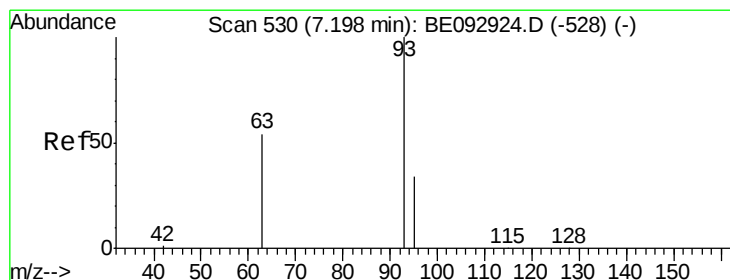
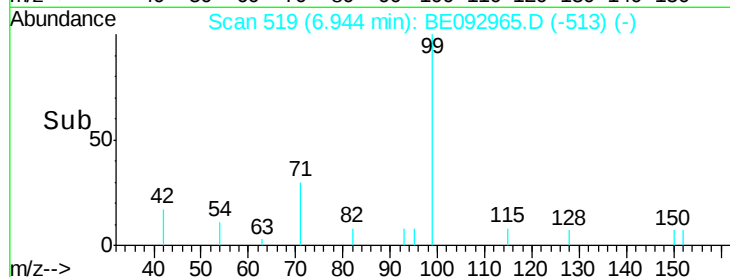
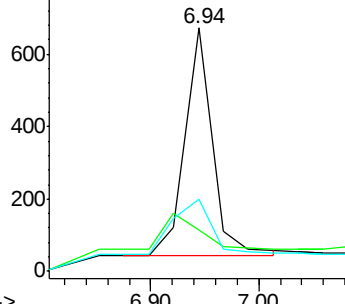
71 33.7 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.41 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

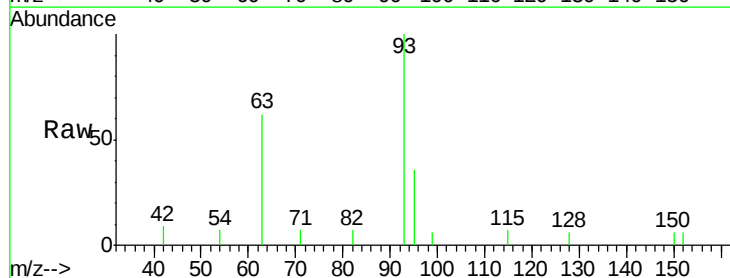
Tgt Ion: 93 Resp: 1151

Ion Ratio Lower Upper

93 100

63 75.5 61.2 91.8

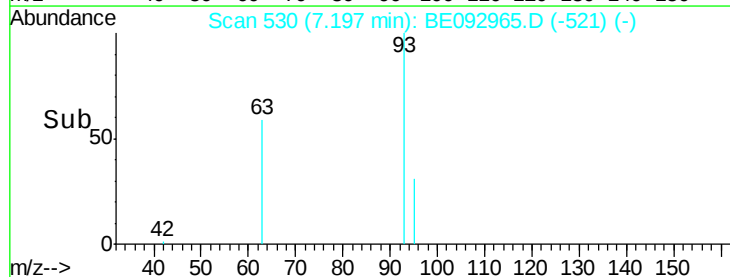
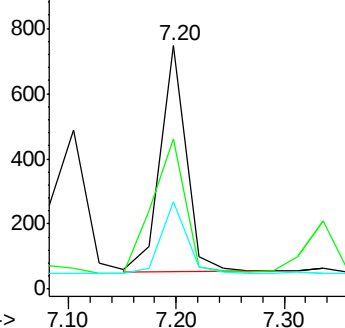
95 31.5 25.5 38.3

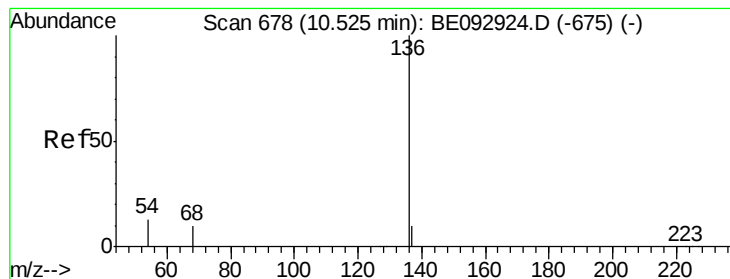


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 3248

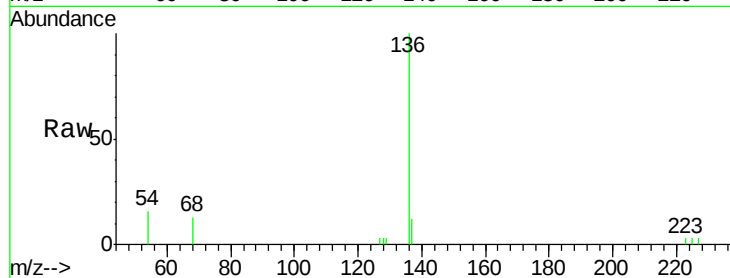
Ion Ratio Lower Upper

136 100

137 12.3 10.4 15.6

54 16.1 12.6 18.8

68 13.5 10.7 16.1

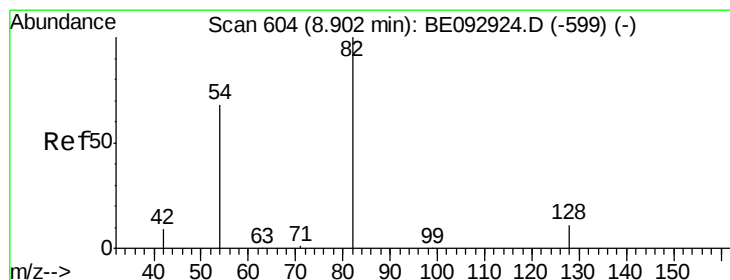
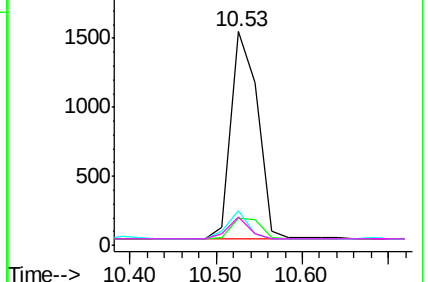
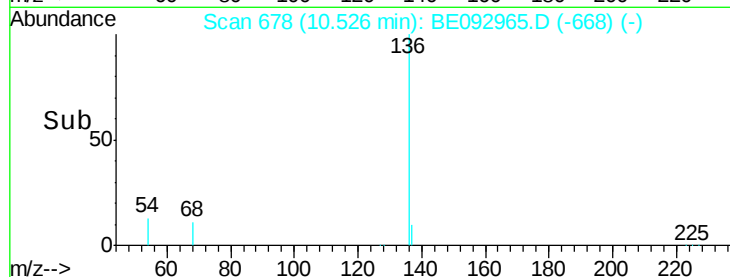


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.45 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

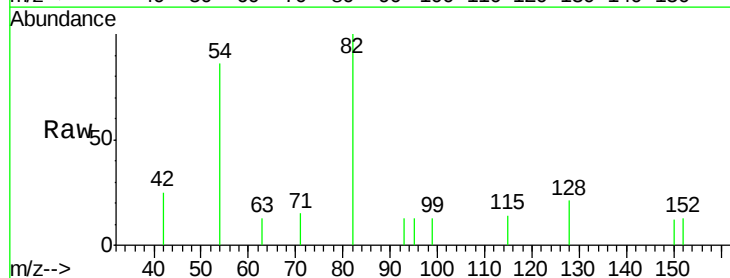
Tgt Ion: 82 Resp: 990

Ion Ratio Lower Upper

82 100

128 20.7 35.3 52.9#

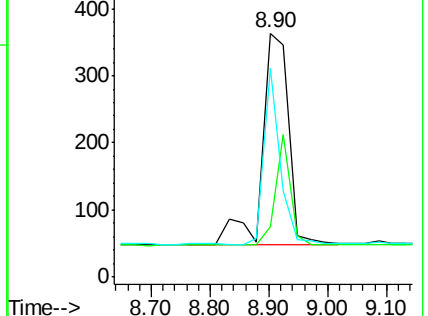
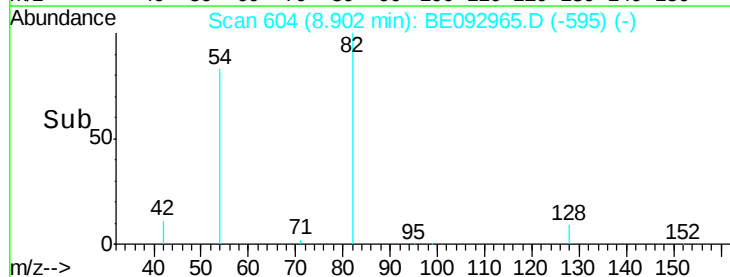
54 85.7 65.1 97.7

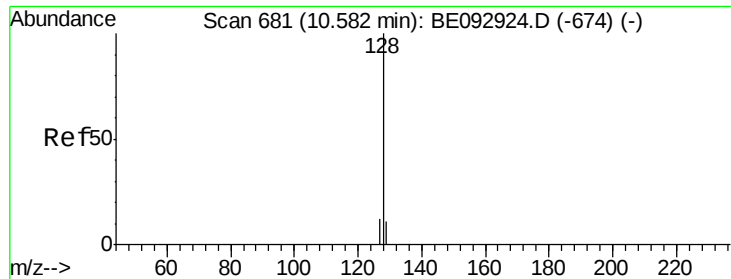


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.39 ng

RT: 10.58 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

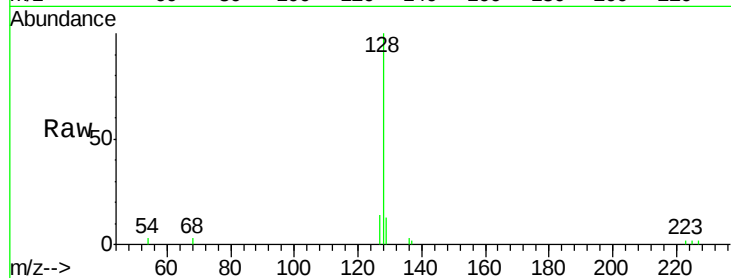
Tgt Ion:128 Resp: 3375

Ion Ratio Lower Upper

128 100

129 13.4 15.8 23.8#

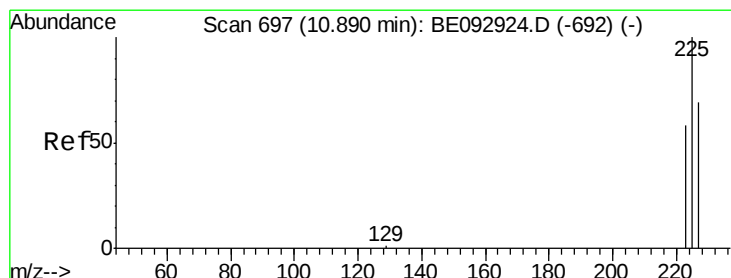
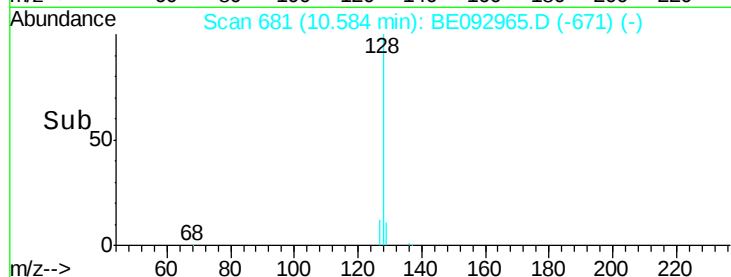
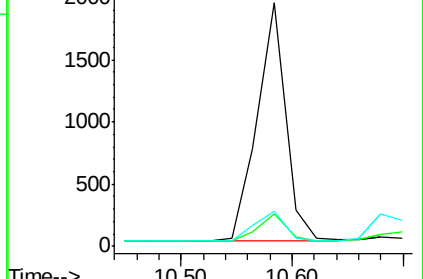
127 14.2 16.0 24.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.40 ng

RT: 10.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

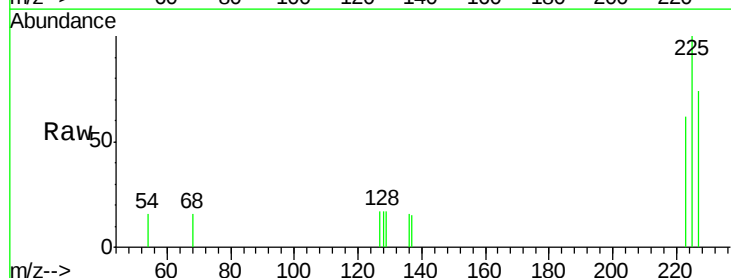
Tgt Ion:225 Resp: 478

Ion Ratio Lower Upper

225 100

223 62.8 55.4 83.2

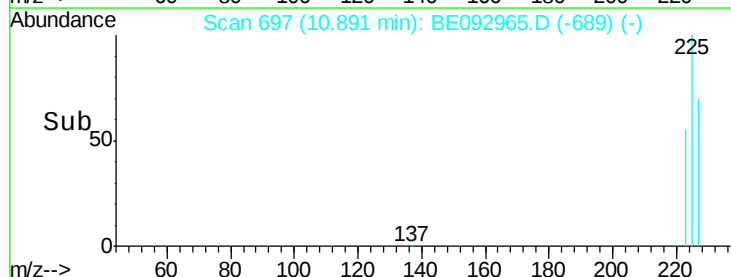
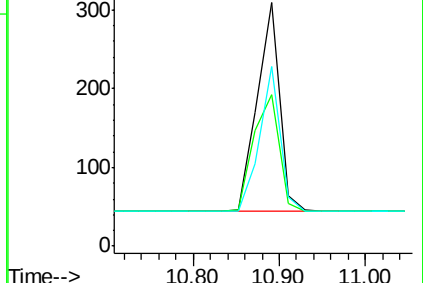
227 64.4 52.2 78.4

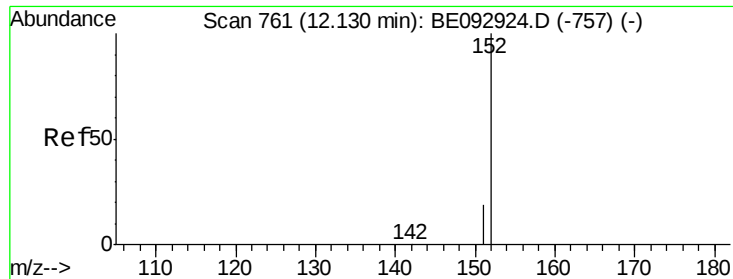


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

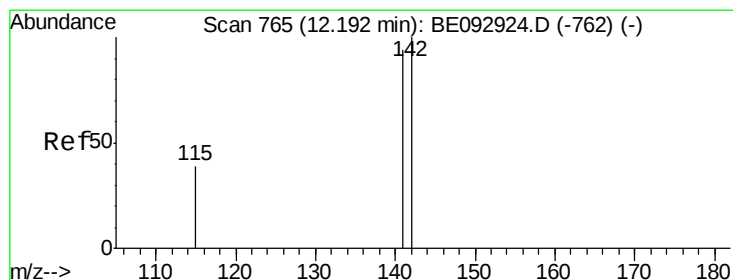
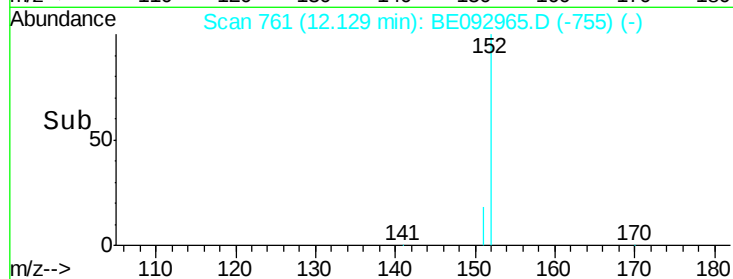
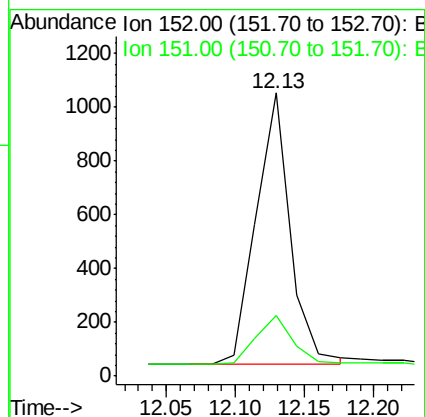
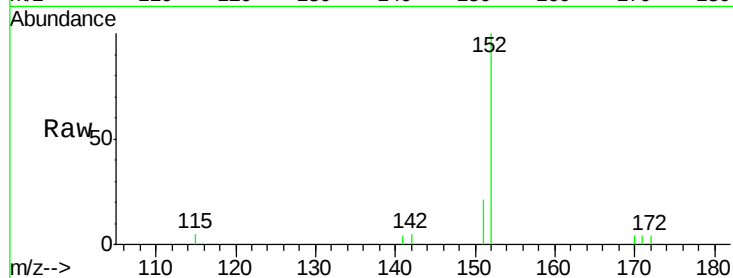




#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092965.D
Acq: 9 May 2017 15:40

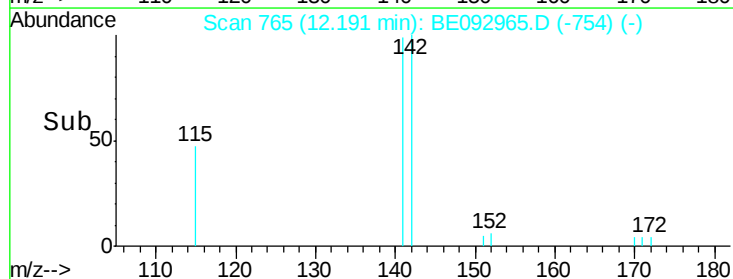
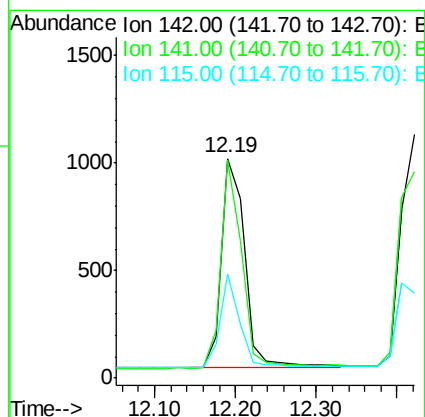
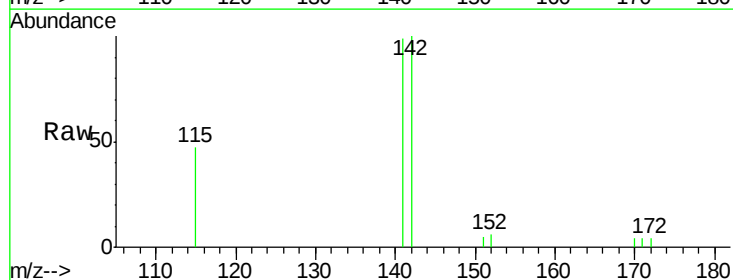
Instrument :
BNA_E
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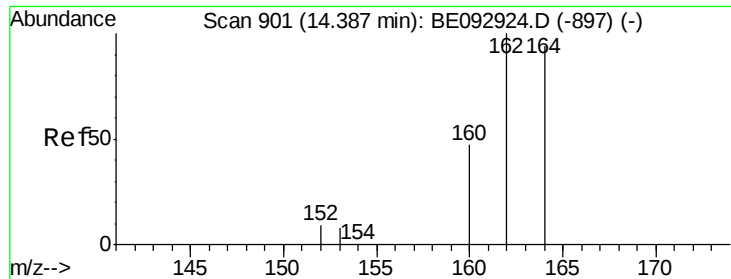
Tgt Ion:152 Resp: 1737
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5



#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092965.D
Acq: 9 May 2017 15:40

Tgt Ion:142 Resp: 1965
Ion Ratio Lower Upper
142 100
141 99.4 76.0 114.0
115 47.3 41.6 62.4

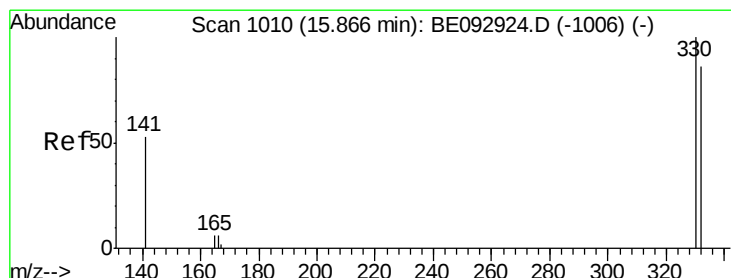
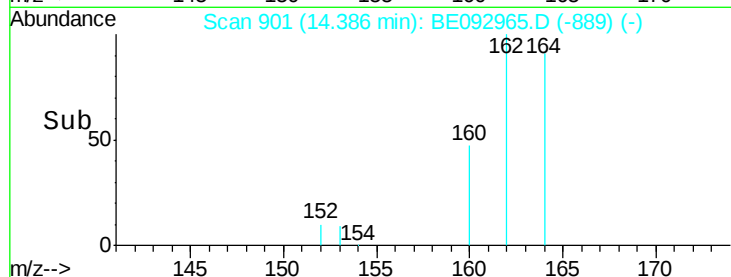
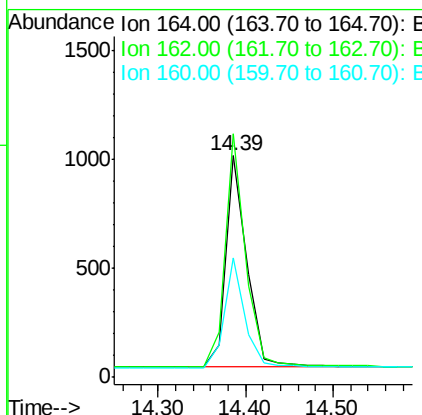
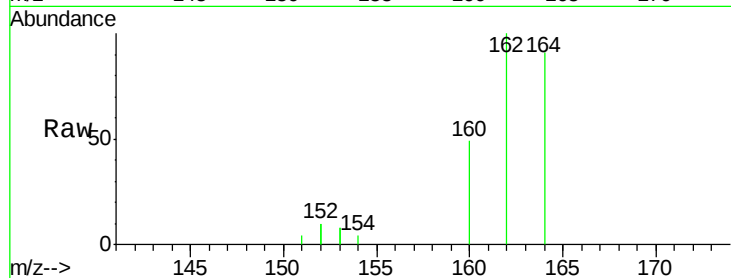




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092965.D
Acq: 9 May 2017 15:40

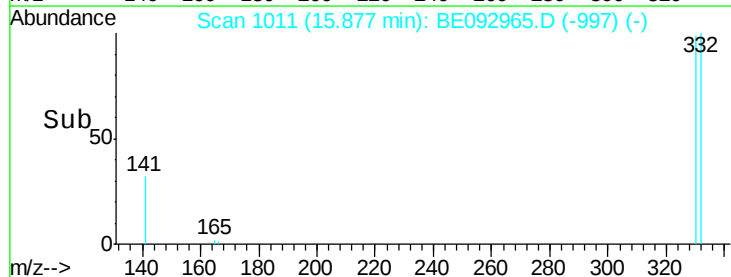
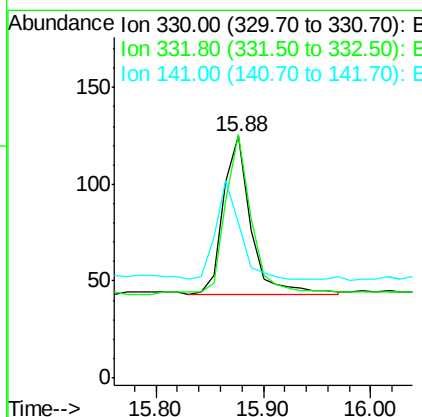
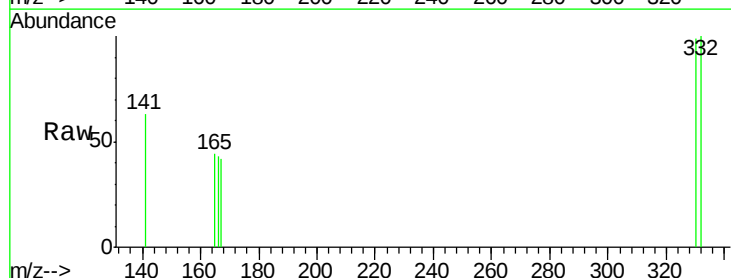
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

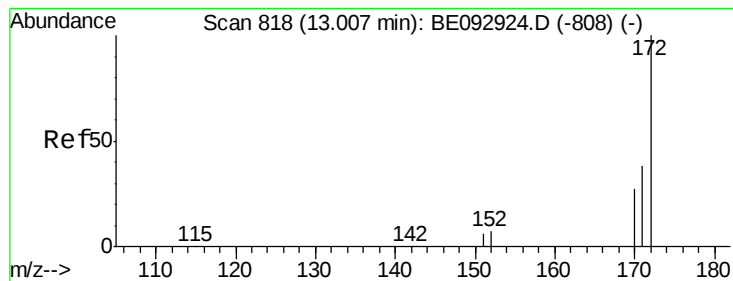
Tgt Ion:164 Resp: 1631
Ion Ratio Lower Upper
164 100
162 110.0 86.6 130.0
160 54.1 44.5 66.7



#14
2,4,6-Tribromophenol
Concen: 0.57 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092965.D
Acq: 9 May 2017 15:40

Tgt Ion:330 Resp: 145
Ion Ratio Lower Upper
330 100
332 97.9 69.1 103.7
141 53.8 54.6 81.8#





#15

2-Fluorobiphenyl

Concen: 0.33 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

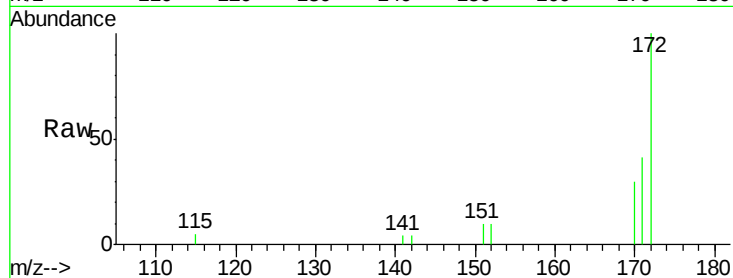
Tgt Ion:172 Resp: 2489

Ion Ratio Lower Upper

172 100

171 41.0 35.8 53.6

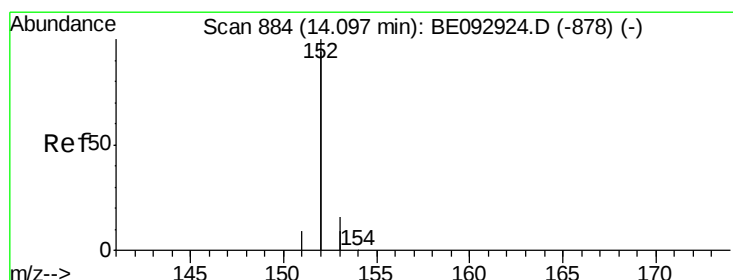
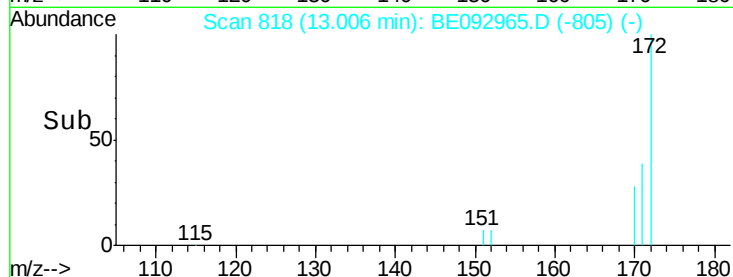
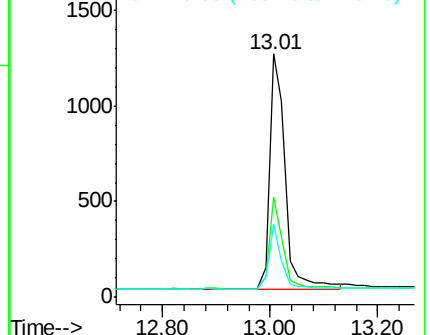
170 30.3 28.5 42.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.41 ng

RT: 14.10 min Scan# 884

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

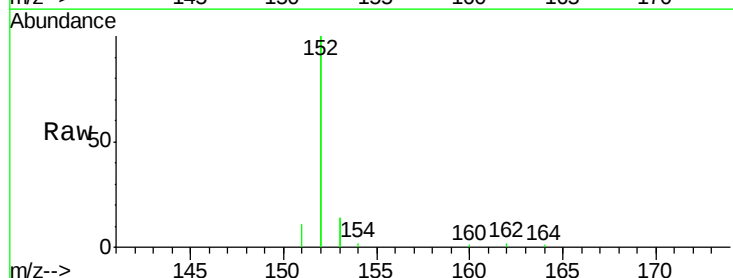
Tgt Ion:152 Resp: 10633

Ion Ratio Lower Upper

152 100

151 5.0 3.8 5.8

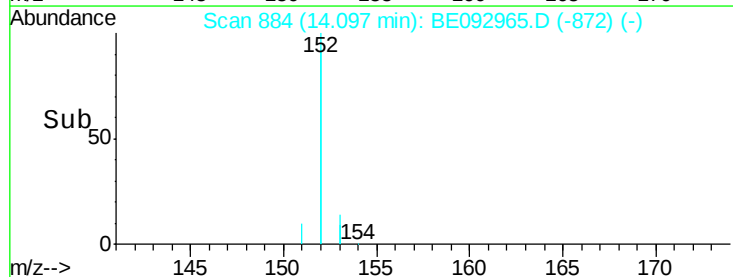
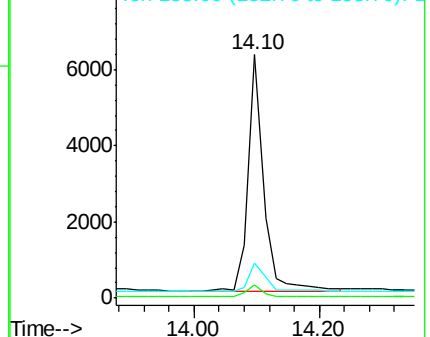
153 12.9 10.0 15.0

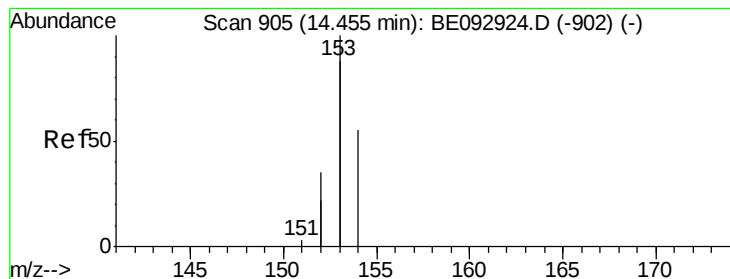


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.39 ng

RT: 14.45 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

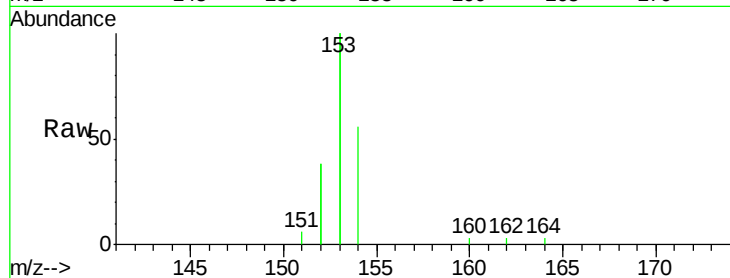
Tgt Ion:154 Resp: 1990

Ion Ratio Lower Upper

154 100

153 458.8 355.6 533.4

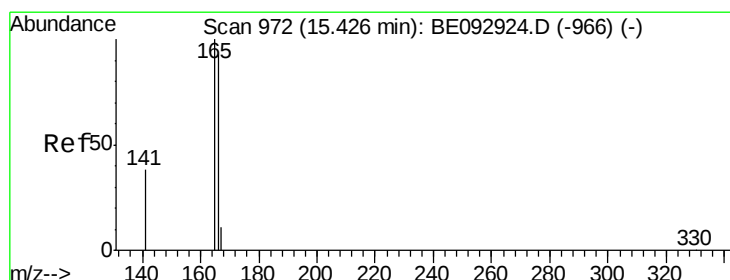
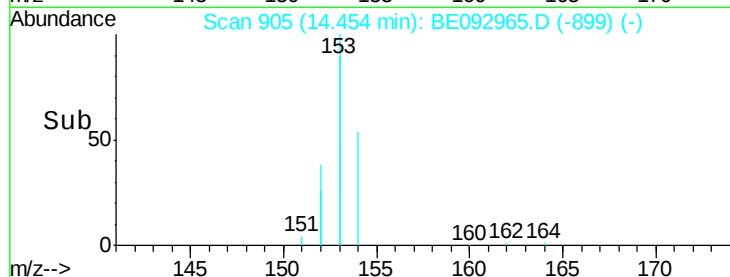
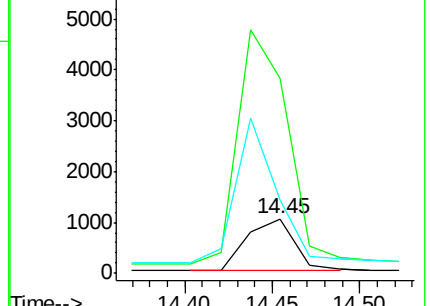
152 232.2 177.8 266.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.39 ng

RT: 15.44 min Scan# 973

Delta R.T. 0.01 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

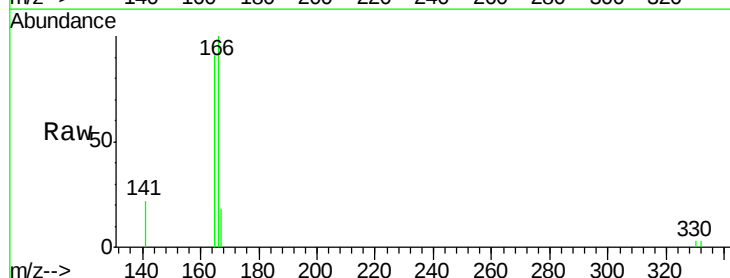
Tgt Ion:166 Resp: 2493

Ion Ratio Lower Upper

166 100

165 99.7 80.7 121.1

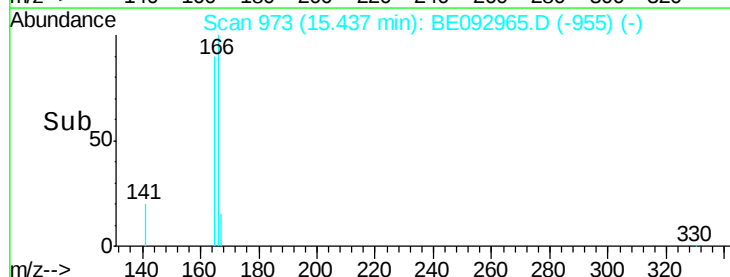
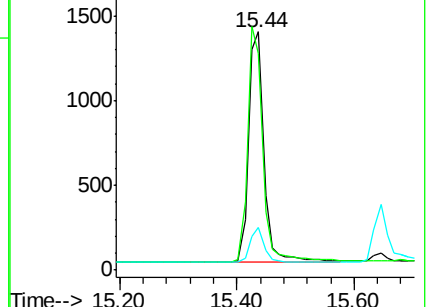
167 13.7 11.3 16.9

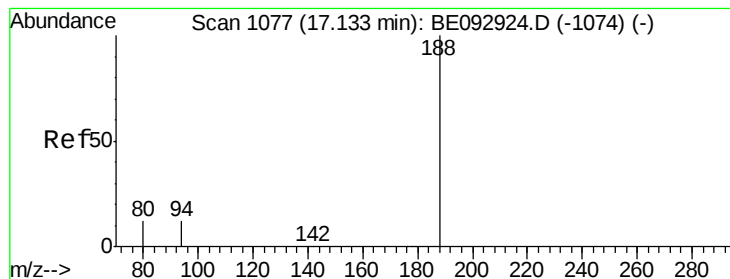


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

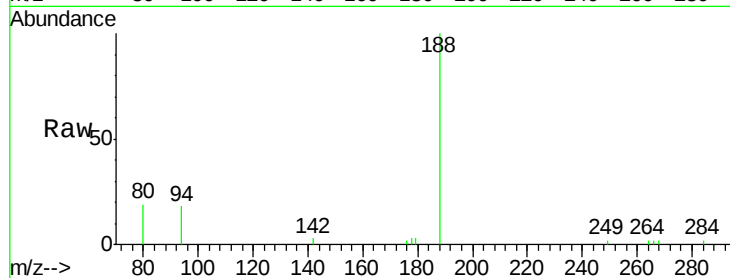
Tgt Ion:188 Resp: 3744

Ion Ratio Lower Upper

188 100

94 17.8 10.2 15.4#

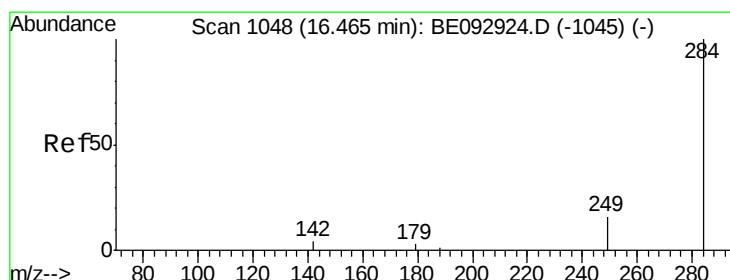
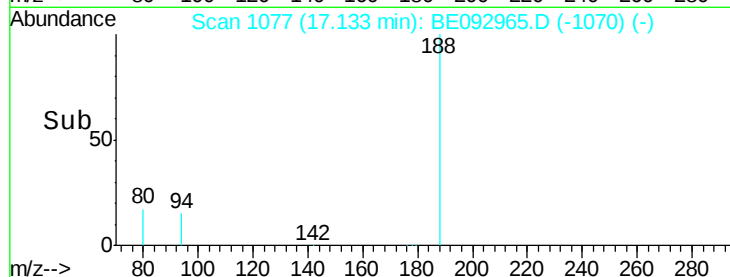
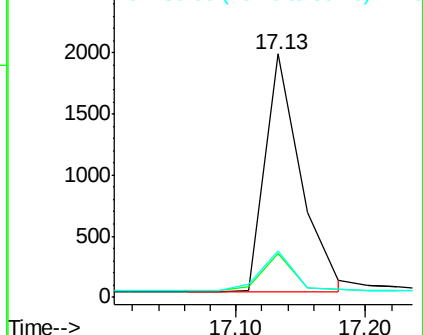
80 19.0 10.6 15.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Hexachlorobenzene

Concen: 0.47 ng

RT: 16.46 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

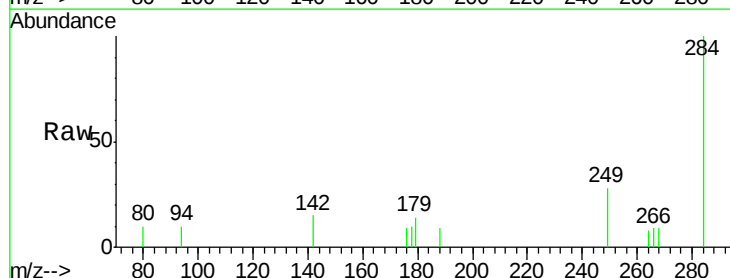
Tgt Ion:284 Resp: 748

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

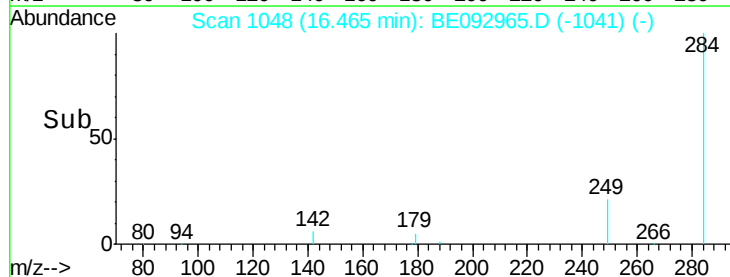
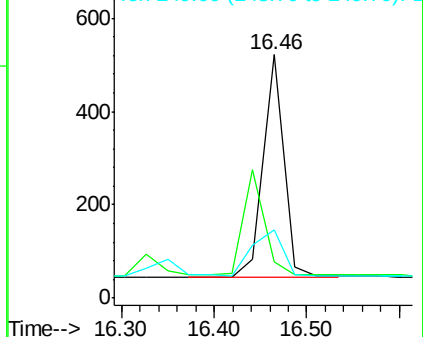
249 30.3 0.0 0.0#

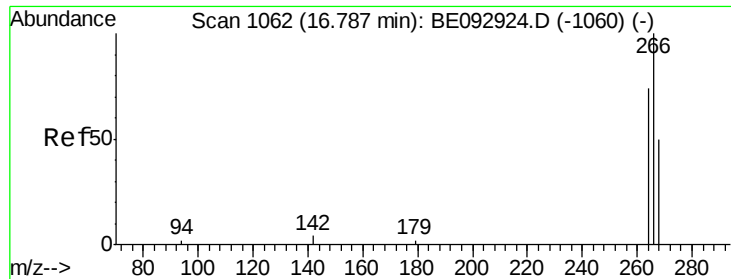


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

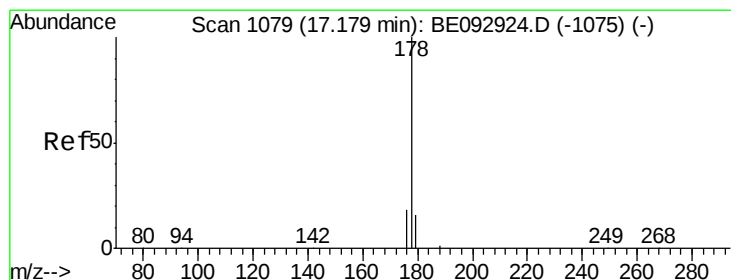
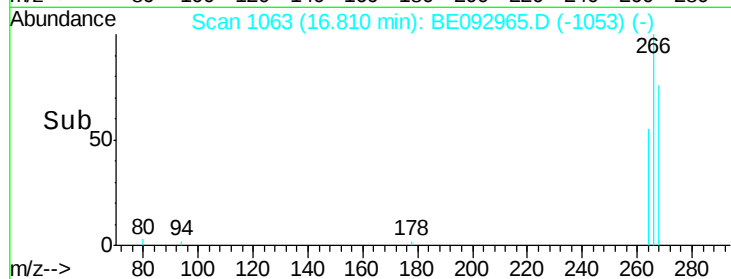
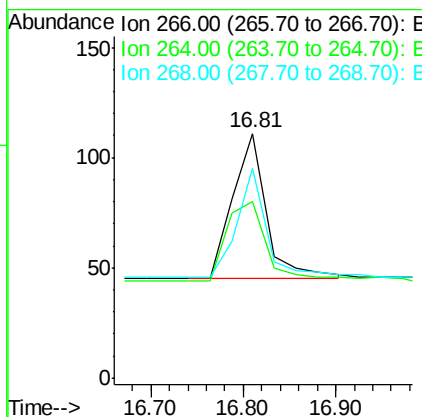
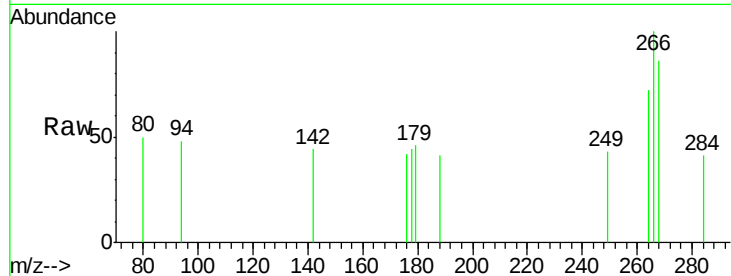




#21
 Pentachlorophenol
 Concen: 0.57 ng
 RT: 16.81 min Scan# 1063
 Delta R.T. 0.02 min
 Lab File: BE092965.D
 Acq: 9 May 2017 15:40

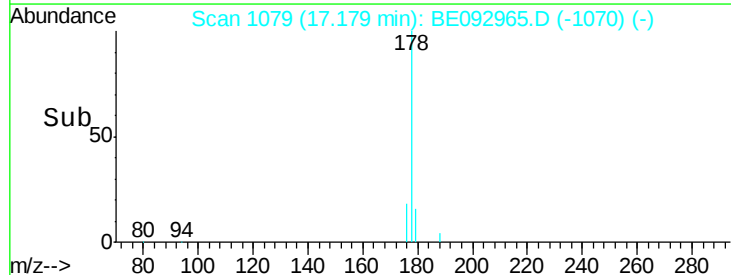
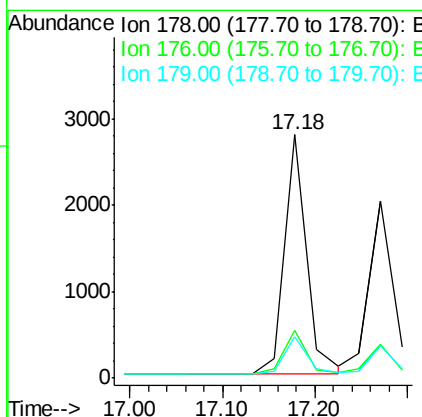
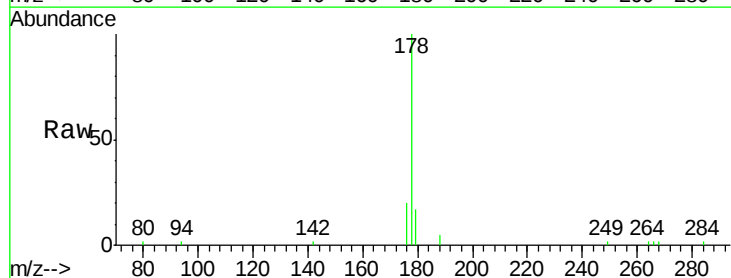
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

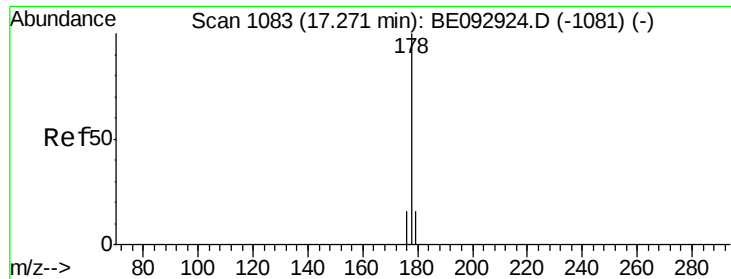
Tgt Ion: 266 Resp: 169
 Ion Ratio Lower Upper
 266 100
 264 72.1 75.4 113.2#
 268 85.6 75.4 113.2



#22
 Phenanthrene
 Concen: 0.44 ng
 RT: 17.18 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BE092965.D
 Acq: 9 May 2017 15:40

Tgt Ion: 178 Resp: 4585
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.2 21.4
 179 15.9 13.6 20.4





#23

Anthracene

Concen: 0.45 ng

RT: 17.27 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

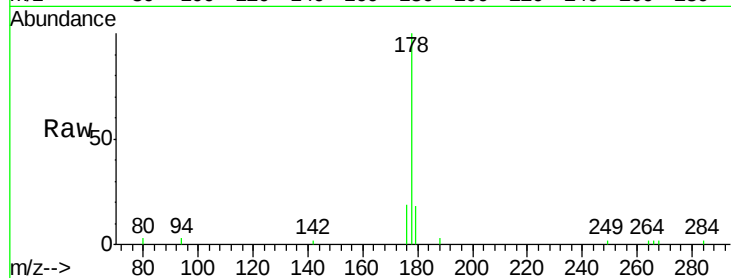
Tgt Ion:178 Resp: 3646

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

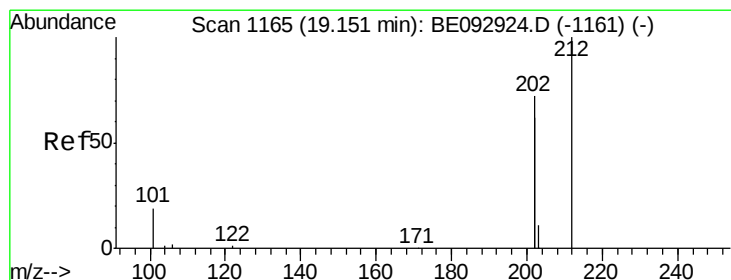
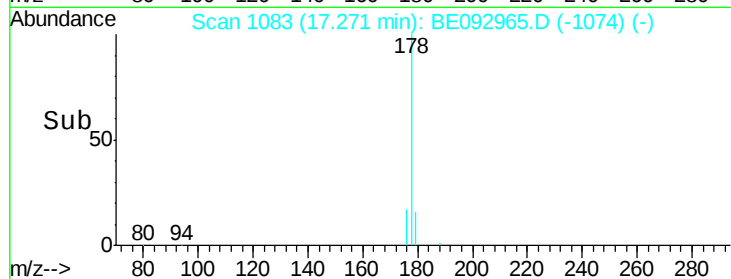
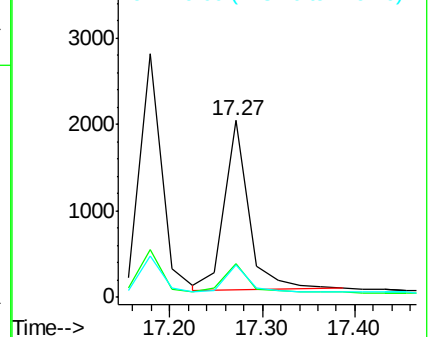
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene-d10

Concen: 0.44 ng

RT: 19.15 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

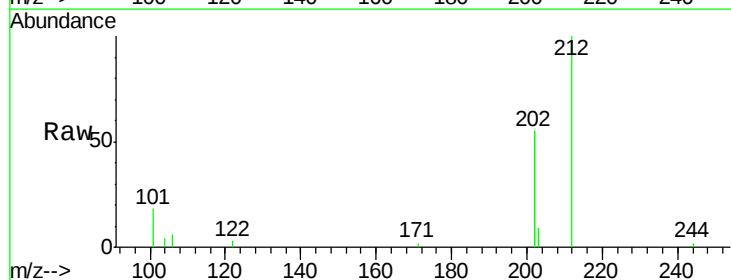
Tgt Ion:212 Resp: 3826

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

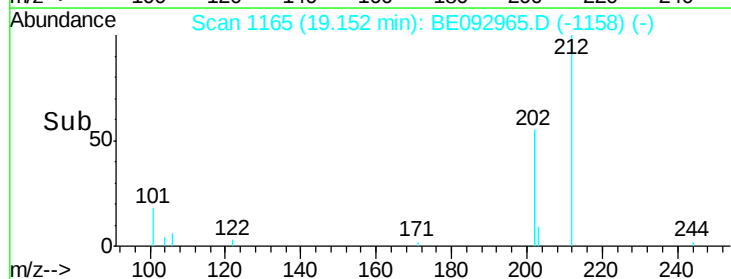
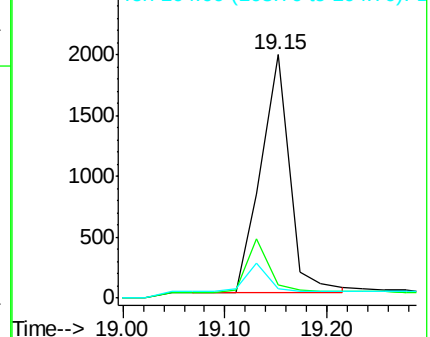
104 0.0 0.0 0.0

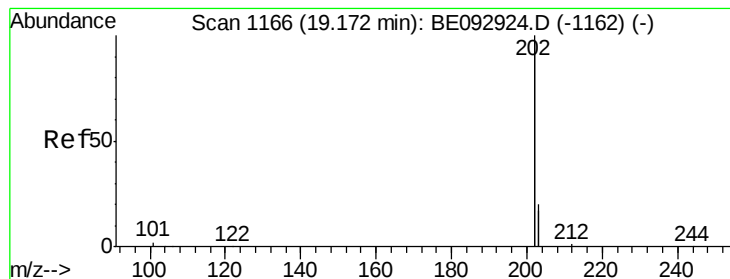


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.45 ng

RT: 19.17 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

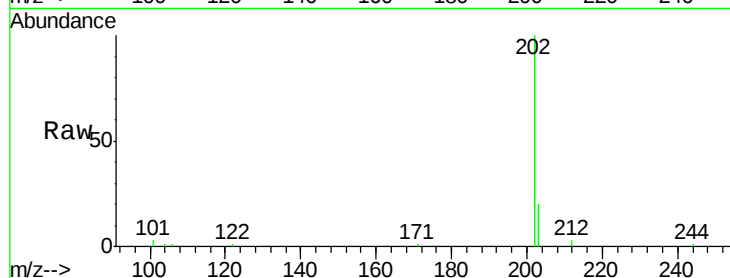
Tgt Ion: 202 Resp: 20341

Ion Ratio Lower Upper

202 100

101 0.0 0.0 0.0

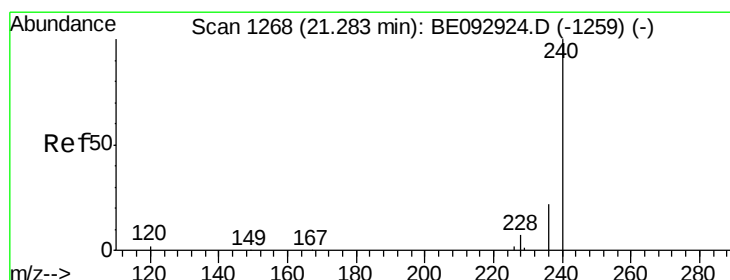
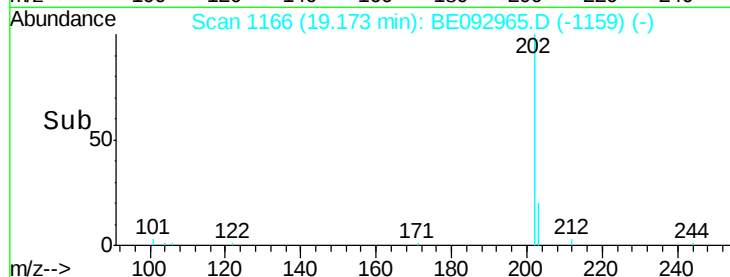
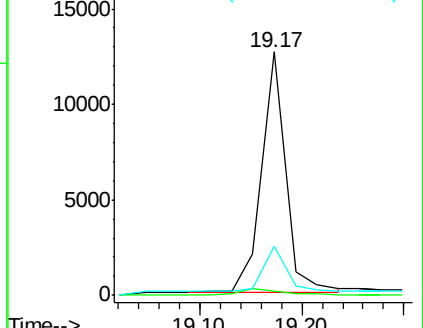
203 18.0 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

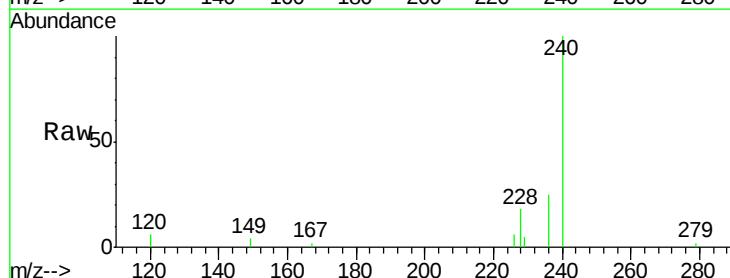
Tgt Ion: 240 Resp: 4152

Ion Ratio Lower Upper

240 100

120 6.3 4.6 6.8

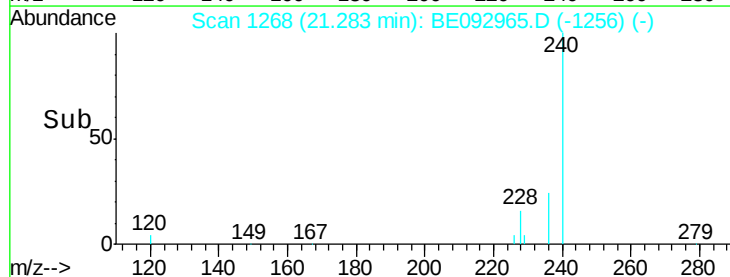
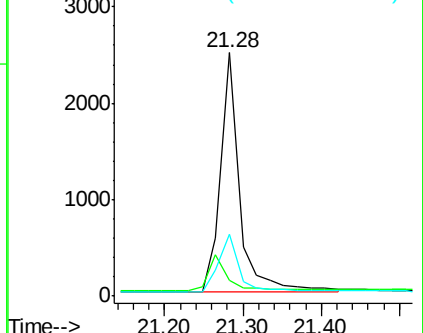
236 25.1 19.8 29.8

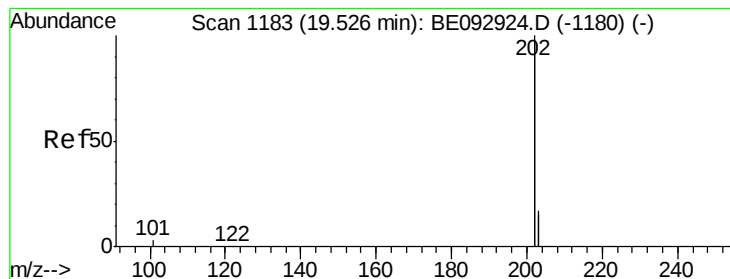


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pyrene

Concen: 0.39 ng

RT: 19.53 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

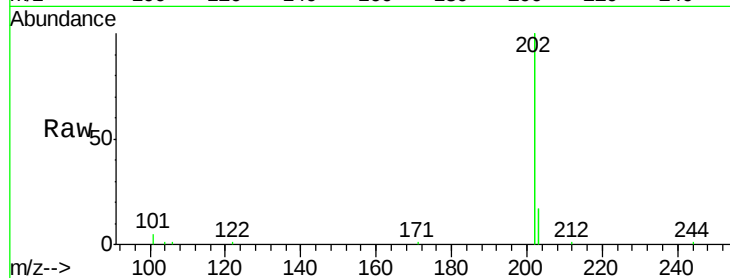
Tgt Ion:202 Resp: 21120

Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

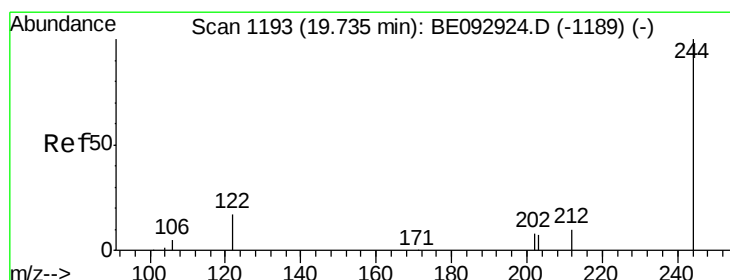
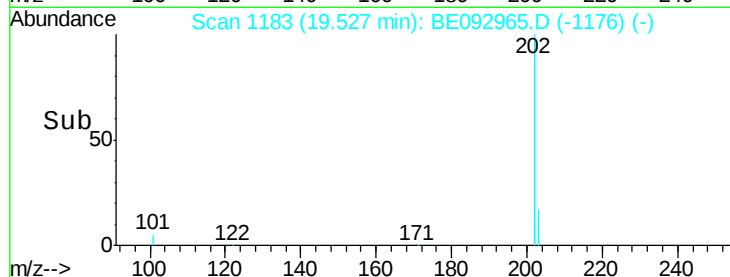
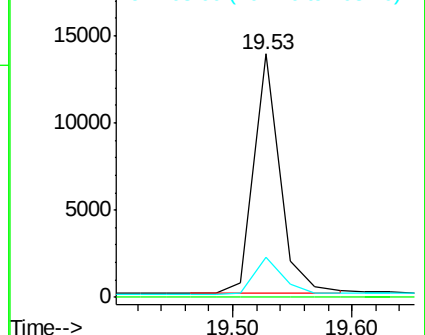
203 16.9 13.5 20.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#28

Terphenyl-d14

Concen: 0.37 ng

RT: 19.74 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

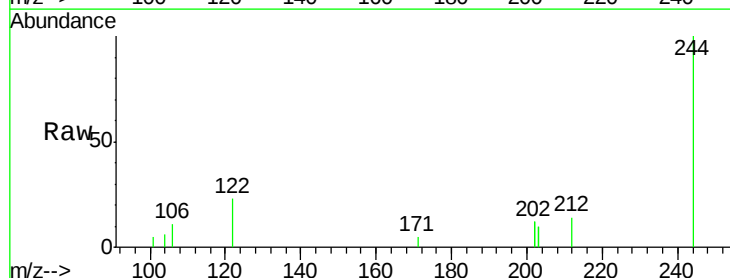
Tgt Ion:244 Resp: 2651

Ion Ratio Lower Upper

244 100

212 13.9 18.4 27.6#

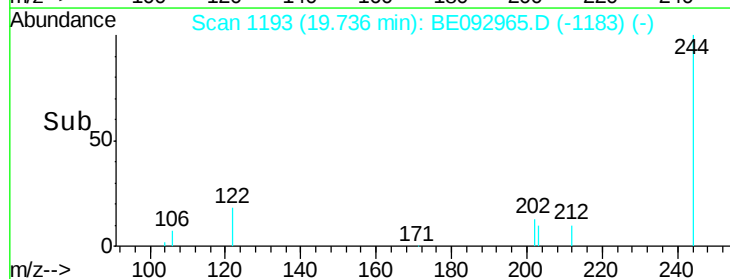
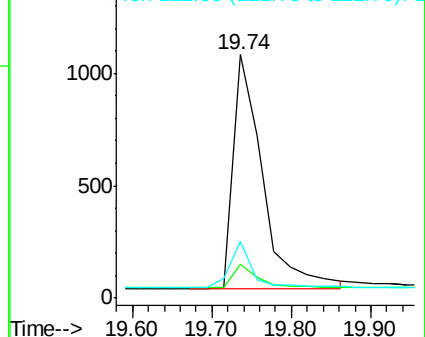
122 23.4 23.3 34.9

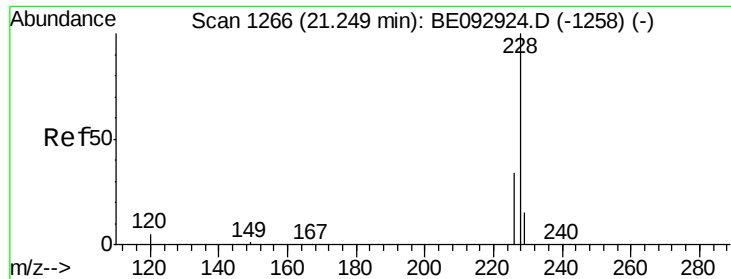


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 0.39 ng

RT: 21.27 min Scan# 1267

Delta R.T. 0.02 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

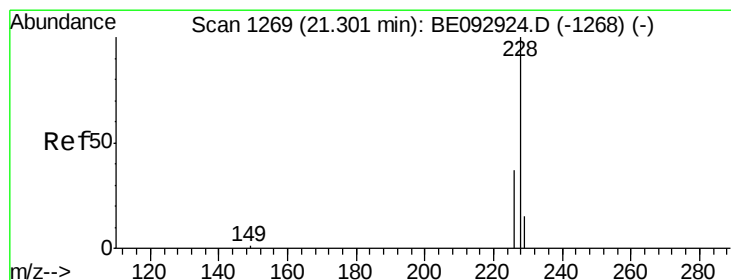
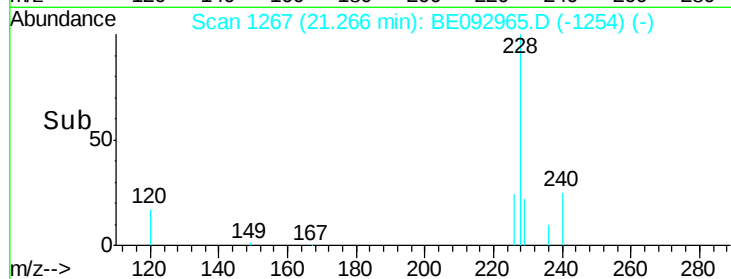
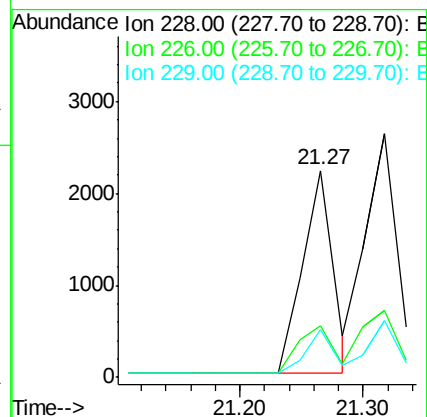
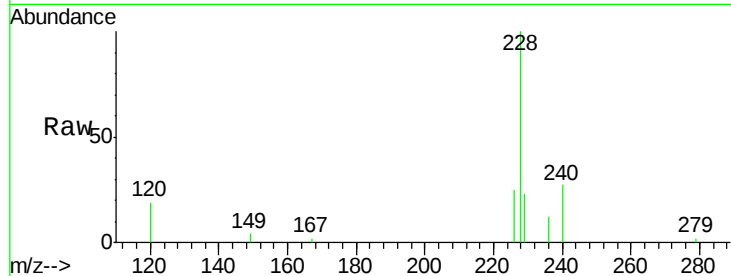
Tgt Ion:228 Resp: 3781

Ion Ratio Lower Upper

228 100

226 25.1 32.0 48.0#

229 23.3 21.4 32.0



#30

Chrysene

Concen: 0.40 ng

RT: 21.32 min Scan# 1270

Delta R.T. 0.02 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

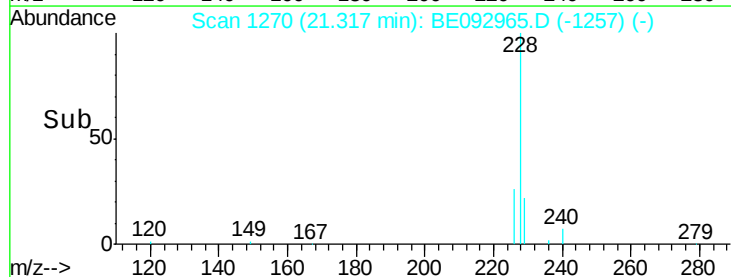
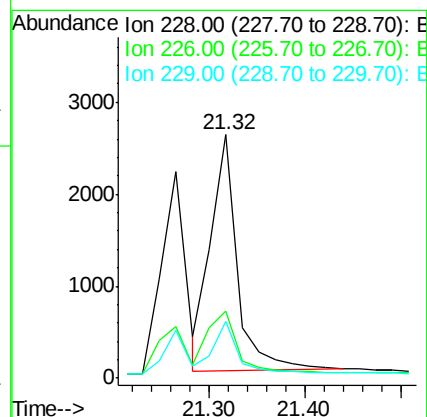
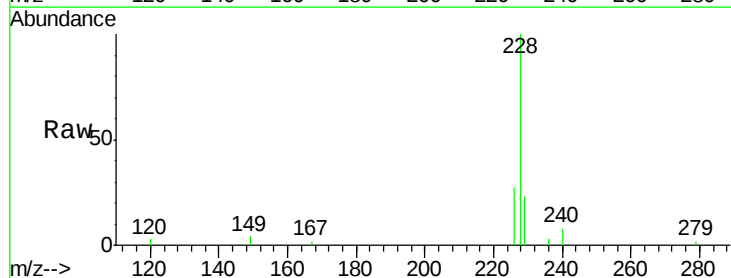
Tgt Ion:228 Resp: 4993

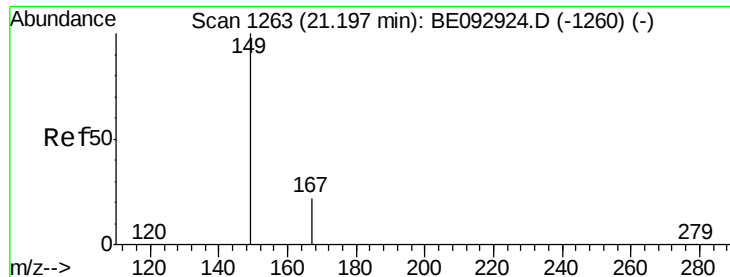
Ion Ratio Lower Upper

228 100

226 27.3 34.2 51.2#

229 23.1 18.6 28.0

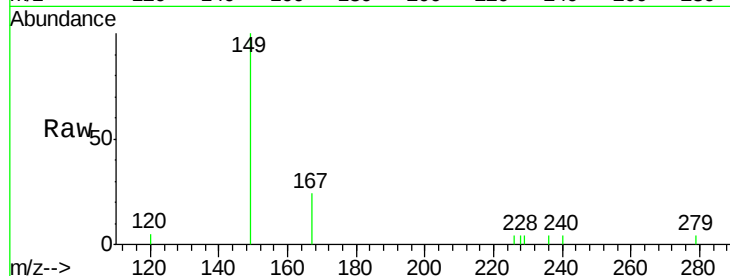




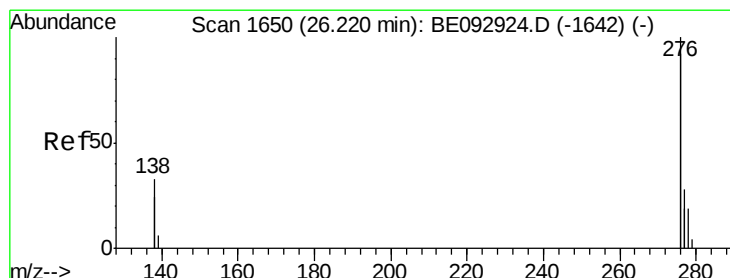
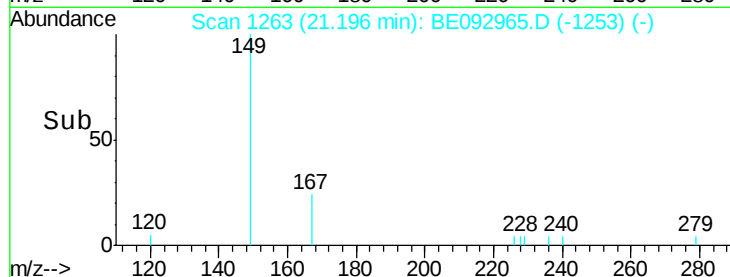
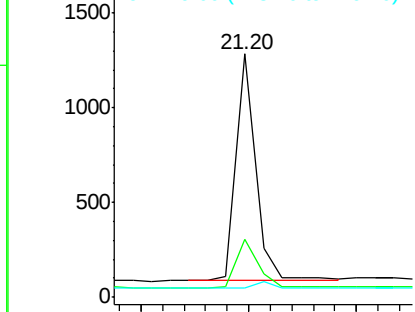
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.56 ng
 RT: 21.20 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BE092965.D
 Acq: 9 May 2017 15:40

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:149 Resp: 1500
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.9 31.3
 279 2.7 0.0 0.0#

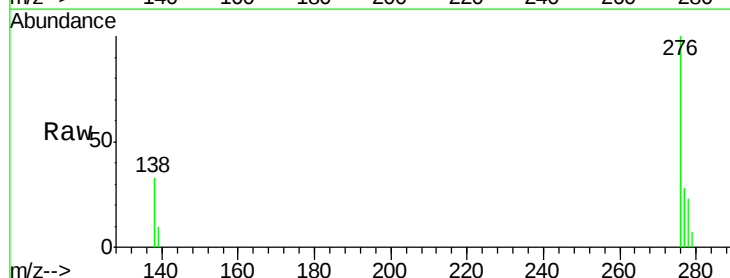


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

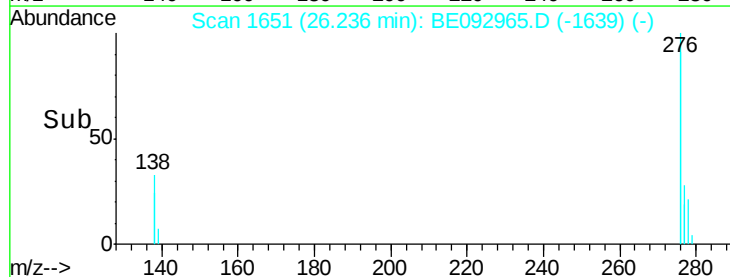
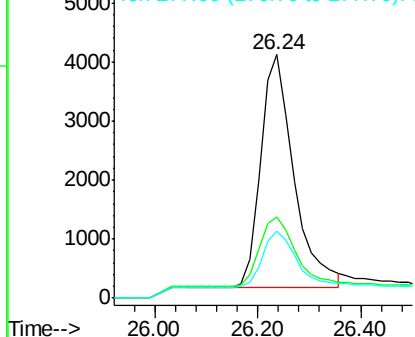


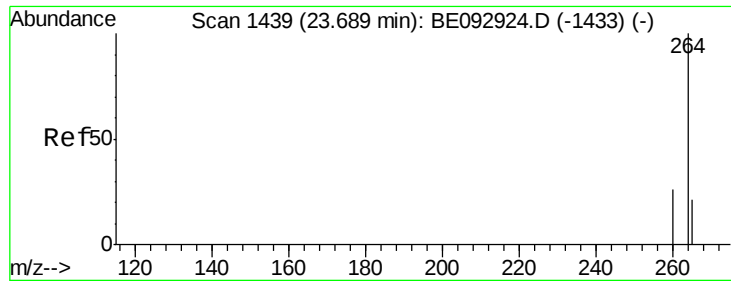
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.39 ng
 RT: 26.24 min Scan# 1651
 Delta R.T. 0.02 min
 Lab File: BE092965.D
 Acq: 9 May 2017 15:40

Tgt Ion:276 Resp: 17462
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.8 38.6
 277 24.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

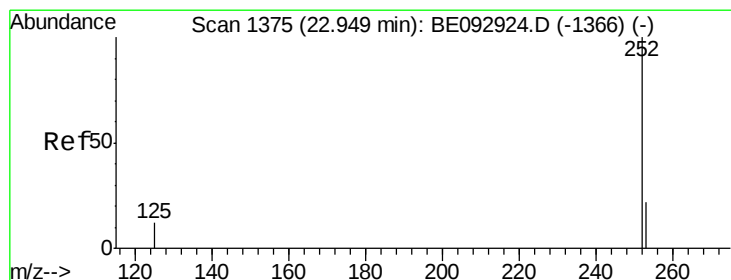
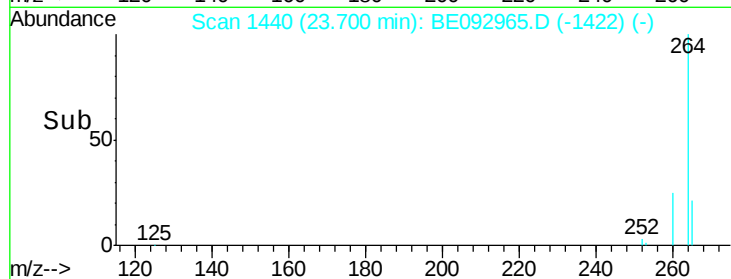
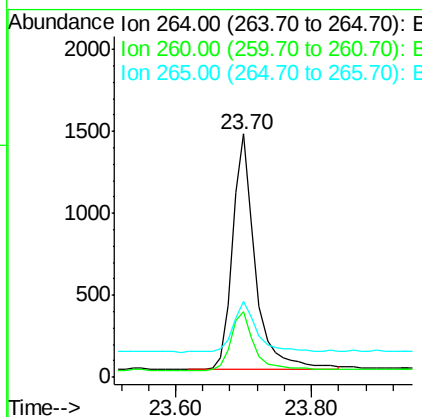
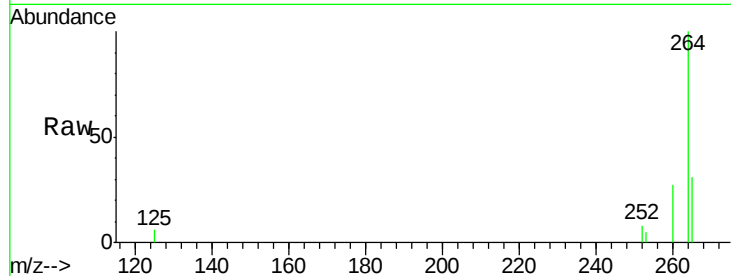




#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BE092965.D
 Acq: 9 May 2017 15:40

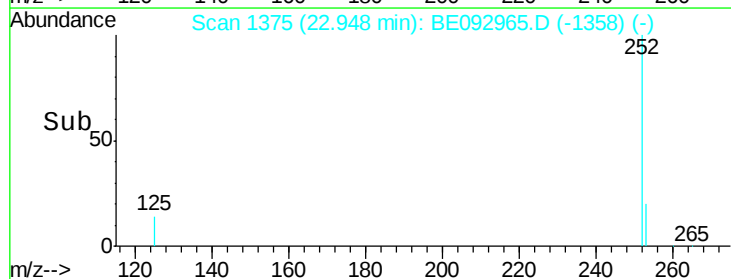
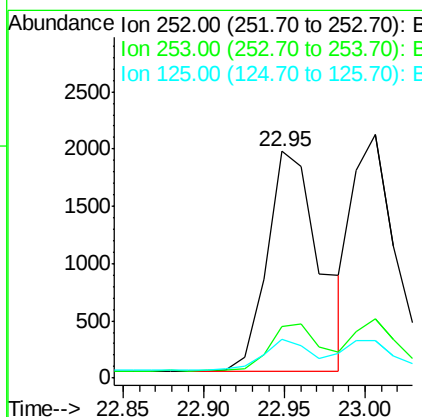
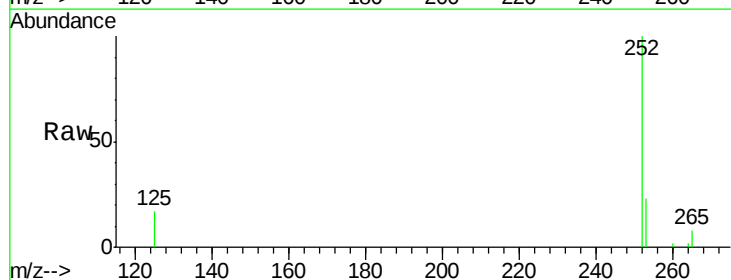
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

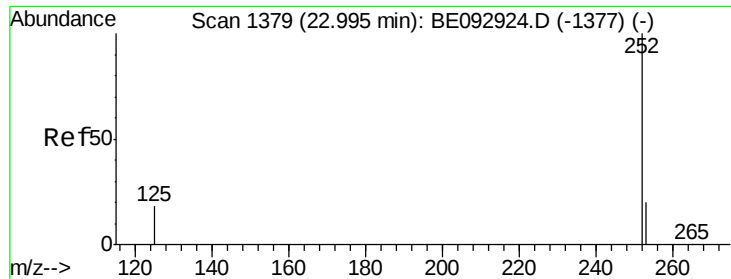
Tgt Ion: 264 Resp: 3387
 Ion Ratio Lower Upper
 264 100
 260 26.9 23.5 35.3
 265 31.2 27.2 40.8



#34
 Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 22.95 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BE092965.D
 Acq: 9 May 2017 15:40

Tgt Ion: 252 Resp: 4401
 Ion Ratio Lower Upper
 252 100
 253 22.8 24.7 37.1#
 125 17.1 20.3 30.5#

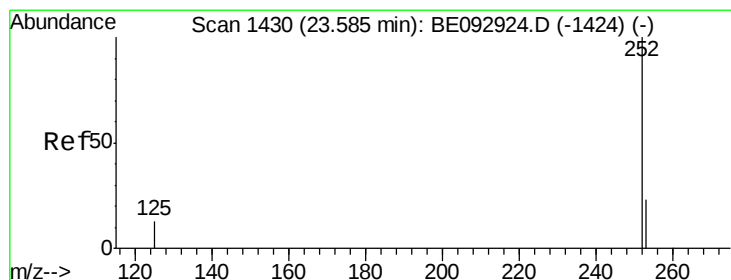
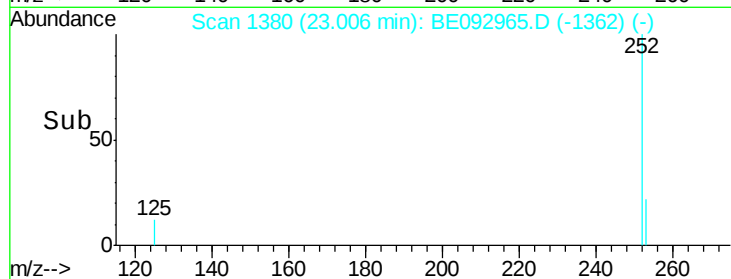
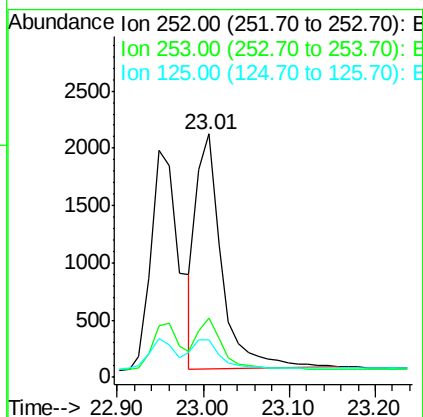
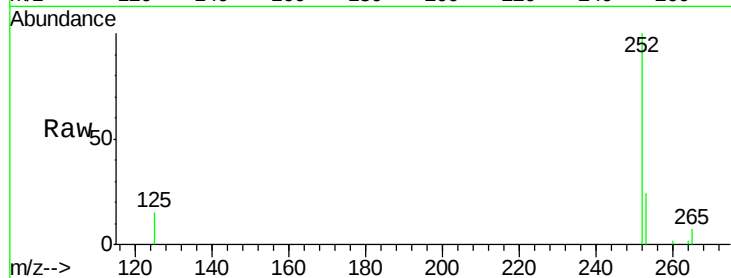




#35
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.01 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BE092965.D
Acq: 9 May 2017 15:40

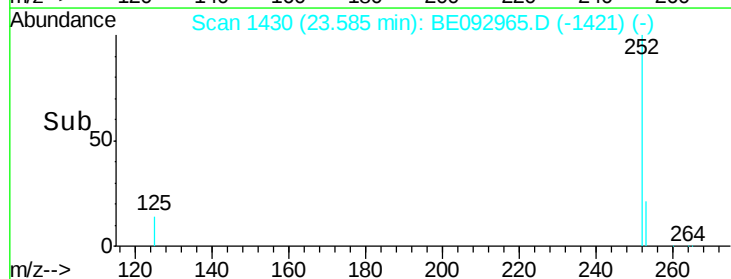
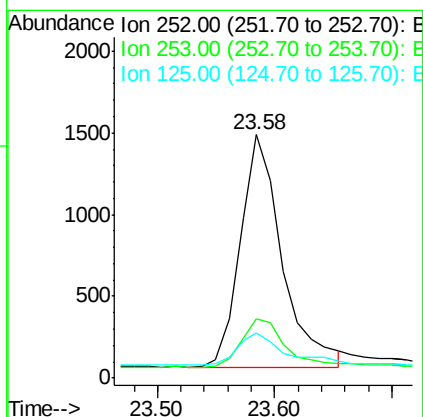
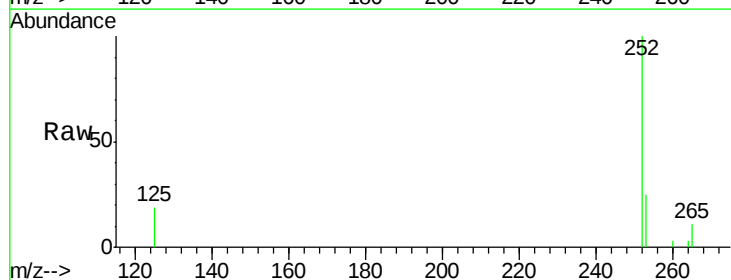
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

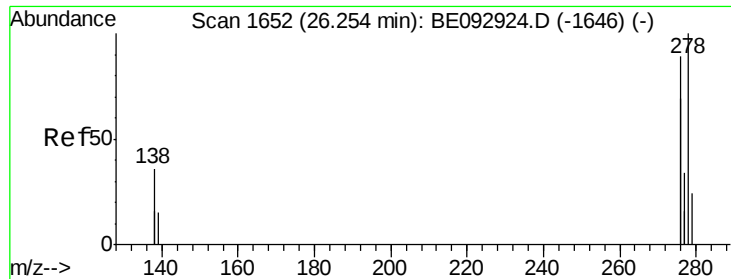
Tgt Ion:252 Resp: 4152
Ion Ratio Lower Upper
252 100
253 24.3 25.8 38.8#
125 15.4 22.9 34.3#



#36
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.58 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE092965.D
Acq: 9 May 2017 15:40

Tgt Ion:252 Resp: 3519
Ion Ratio Lower Upper
252 100
253 24.6 31.3 46.9#
125 18.7 26.4 39.6#





#37

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.27 min Scan# 1653

Delta R.T. 0.02 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

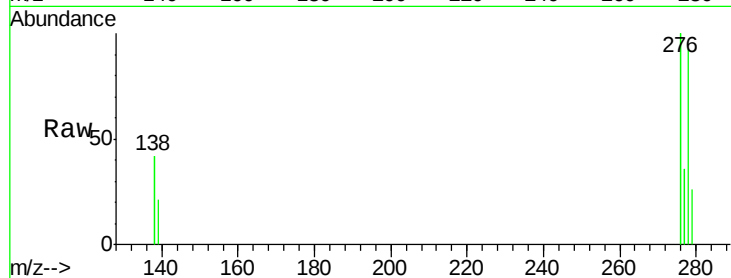
Tgt Ion: 278 Resp: 3521

Ion Ratio Lower Upper

278 100

139 22.7 27.4 41.2#

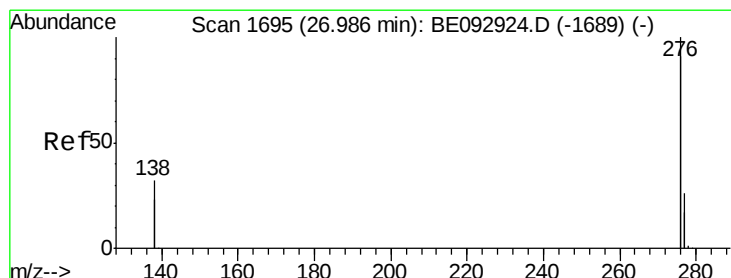
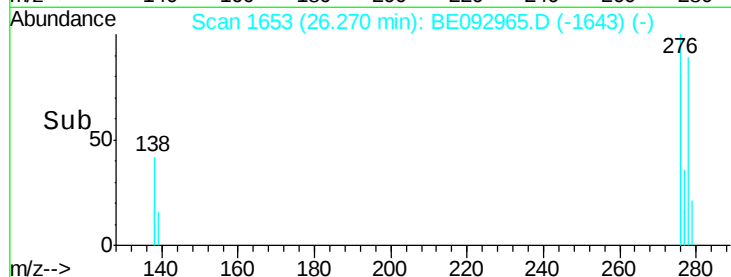
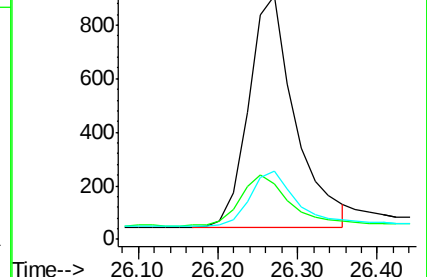
279 27.8 33.3 49.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#38

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.00 min Scan# 1696

Delta R.T. 0.02 min

Lab File: BE092965.D

Acq: 9 May 2017 15:40

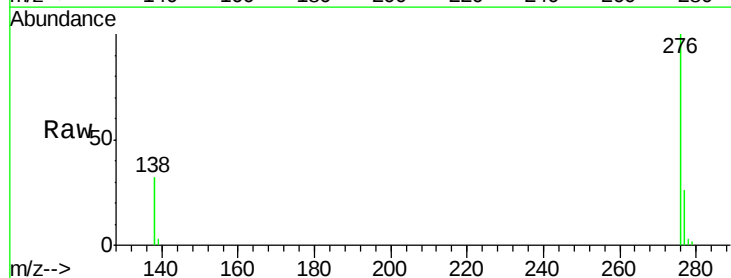
Tgt Ion: 276 Resp: 16554

Ion Ratio Lower Upper

276 100

277 25.9 29.9 44.9#

138 31.5 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

